

# Oughta Cost System

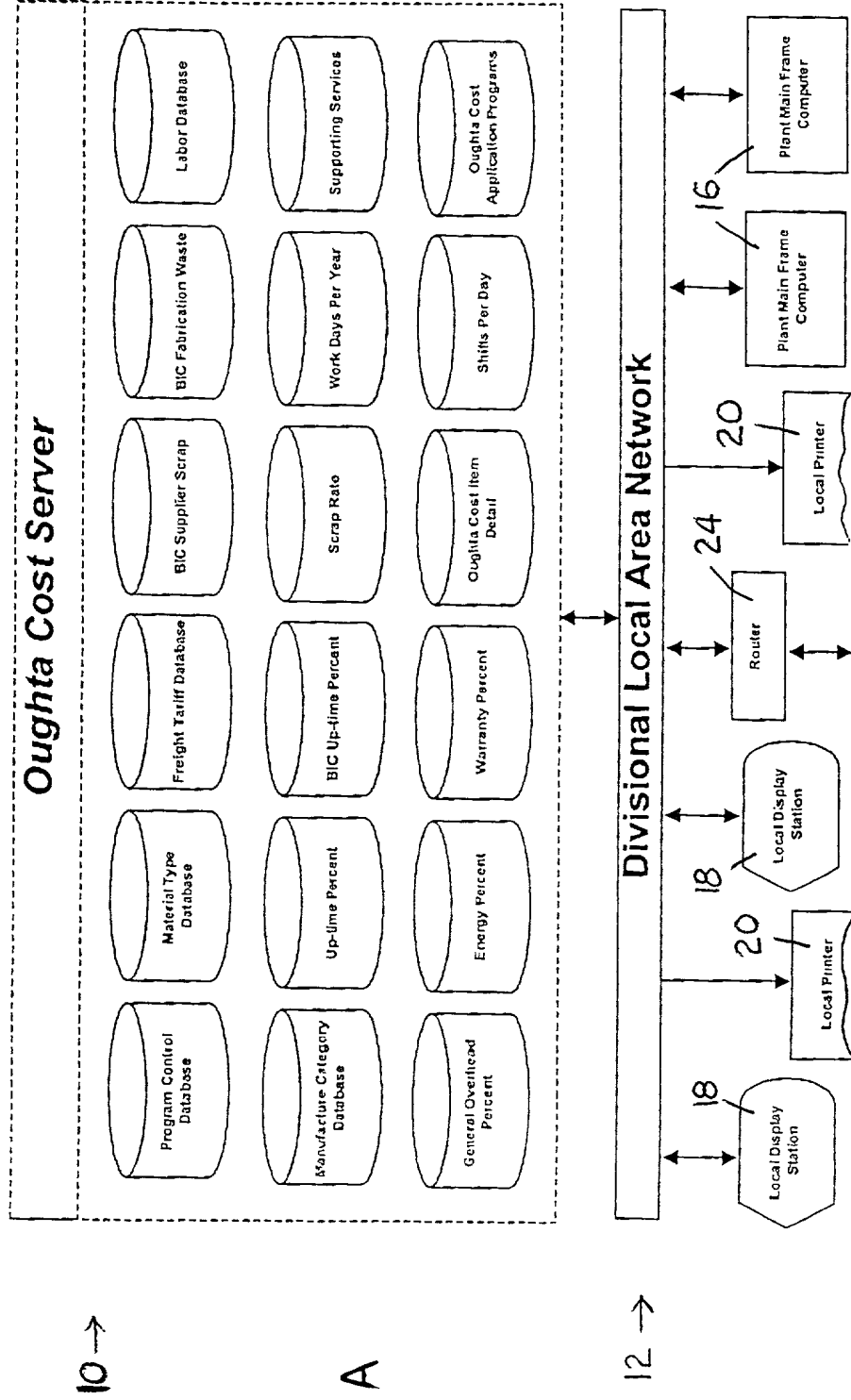


Fig 1A

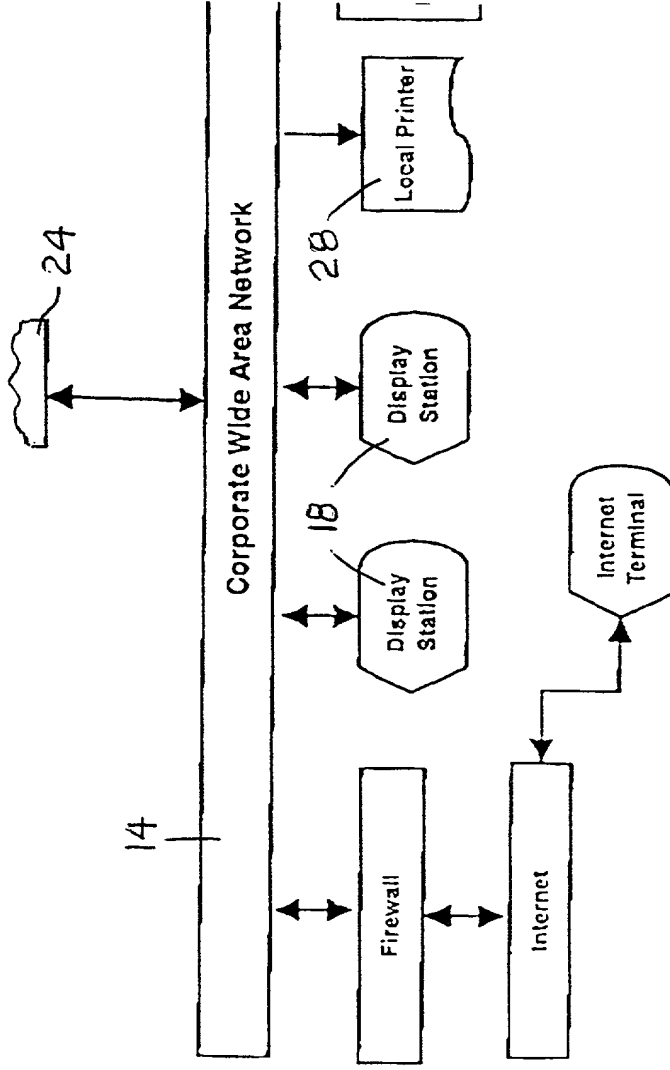


Fig 1B

# Oughta Cost System

Oughta Cost Search

## Existing Oughta Cost Studies

Program #	Description	Status	Owner
01122000001	New Crankshaft	Public	Ray Goss
10292000002	Machine New Head	Private	Bill Warren
01222001004	New Core Assembly Process	Public	Gary Denkiau

Name of New Oughta Cost Study

Copy An Existing Study      Create New Study

Open  
Study  
Reports  
Exit

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FIG 2

Material

Program # 02010100001 | Component: Shaft | Component # 100 | Status: Public

Material Type

Supplier Scrap

Fabrication Waste:

Steel Forging

Fine Blanked Steel

Copper

Tin

Plastic

Die Cast Aluminum

Brass Bar Stock

Plastic

Bronze Bar Stock

Nitralloy Steel Bar

Freight

Origin

Destination

Mode

Light Needed

Material Cost

Weight Cost

Rates/CWT

Returnable Containers

Dunnage

Materials Table

Material Code	Unit of Measure	Category	Description

Comments

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FIG 3

Program # 02010100001   Component: Shaft   Component # 100   Status: Public			
<b>Material Type</b>	Steel Forging		
<b>Supplier Scrap:</b>			
<b>Fabrication Waste:</b>			
<b>Freight</b>			
<b>Origin</b>			
<b>Destination</b>			
<b>Mode</b>			
<b>Weight Needed</b>			
<b>Serial Cost \$</b>			
<b>Cost \$</b>			
<b>WT</b>			
<b>Returnable Containers</b>			
<b>Dunnage</b>			
<b>Materials Table</b>			
<b>Material Code</b>	<b>Unit of Measure</b>	<b>Category</b>	<b>Description</b>
1-112-A	Ton	Forging	Steel Forging
<b>Comments</b>			

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G  
F

Material

Program # 02010100001 | Component: Shaft | Component # 100 | Status: Public

Material Type

Steel Forging

Supplier Scrap:

5.00%

Fabrication Waste:

5.00%

Freight

Origin

Destination

Mode

Weight Needed

Material Cost

Post

Returnable Containers

Dunnage

Rates/CWT

\$

Materials Table

Material Code	Unit of Measure	Category	Description
1-112-A	Ton	Forging	Steel Forging

Comments

FIG 5

<b>Material</b>		Program # 02010100001   Component: Shaft   Component # 100   Status: Public	
Material Type	Steel Forging		
Supplier Scrap:	5.00%		
Fabrication Waste:	5.00%		
<b>Freight</b>			
Origin	New York	Total Weight Needed	111
Destination	California	Total Material Cost	\$
Mode	Truck Load Less Than Truck Load Rail Boat	Freight Cost	\$
		Rates/CWT	\$
		Returnable Containers	
		Dunnage	
<b>Materials Table</b>			
Material Code	Unit of Measure	Category	Description
1-112-A	Ton	Forging	Steel Forging
<b>Comments</b>			

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FIG 6

Material		Program # 02010100001   Component: Shaft   Component # 100   Status: Public			
<input checked="" type="checkbox"/>	Material Type	Steel Forging			
	Supplier Scrap:	5.00%			
	Fabrication Waste:	5.00%			
<b>Freight</b>					
	Origin	New York	Total Weight Needed	111	Returnable Containers
	Destination	California	Total Material Cost	\$51.06	Dunnage
	Mode	Truck Load	Freight Cost	\$1.11	
			Rates/CWT	\$1.00	
<b>Materials Table</b>					
	Material Code	Unit of Measure	Category	Description	
	1-112-A	Ton	Forging	Steel Forging	
				Crankshaft for 2003 model year V8	
<b>Comments</b>					
This study has only one component.					

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FIG 7



# Labor

Cost Components

-Material

-Capital

-Labor

-Manufacturing

-Overhead

Reports

Home

Save & Exit

Program # 011220000001 | Component: Shaft | Component # 123456 | Status: Public

Supporting Services: 0% Region: North

Machining Type: Transfer Line Skill Level: Standard Machining

Additional Labor \$: 0.00

Employee Type	Number Required	Operation # (OP #)	Default Labor Rate	Employee Benefit (% of Labor Rate)	Employee Benefits
<b>DIRECT LABOR</b>					
Machine Operators	3	10	\$11.00	50 %	\$5.50
Machine Operators	3	20	\$11.00	%	\$3.50
Assembly Test	0		\$9.00	%	\$3.50
<b>INDIRECT LABOR</b>					
Material Handling	.5	10	\$8.00	%	\$4.00
Shipping	.2	30	\$11.00	%	\$4.00
Receiving	.2	05	\$8.00	%	\$4.00
Line Stocking	1	10	\$7.00	%	\$3.50
Material Scheduler	.25		\$6.00	%	\$3.00
Inspection	.25	20	\$8.00	%	\$4.00
Quality	.25	20	\$9.00	%	\$4.50
Supervisor	1		\$14.00	%	\$4.00

FIG 8

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Capital

Cost Components

-Material

-Capital

-Labor

Manufacturing

-Overhead

Reports

Home

Program # 01122000003 | Component: Shaft | Component # 123456 | Status: Public

General Capital

Building Expansion

Add General Item

Qty

1

Item Category

Building

Depreciation

30 yrs

Capital \$

\$200,000

Machining Capital

Qty

Op #

Description

Category

Capital \$

Capital Depreciation

Tooling \$

Tooling Depreciation

1

10

Rough Machining

Machine Tool

\$25,000

5 yrs

10

Cutters

Tooling

\$800

1 yrs

Add Machining Item

Comments

Cancel

Help

FIG 9

FIG 10

Manufacturing

Program # 01122000001

Component: Shaft

Component # 123456

Status: Public

Cost Components

-Material

-Capital

-Labor

-Manufacturing

-Overhead

Reports

Home

Manufacturing Category

Transfer Line

50%

Uptime Current

Uptime World Class

Scrap Rate

Volume

70%

75%

80%

85%

90%

95%

100%

per

Manufacturing Time

Work Days per Year

Work Shifts per Day

Work Hours per Shift

Component

Manufacturing Utilization

Manufacturing Time

Requires Manpower	Equipment #	Op #	Unit of Measure	Time	Calculated Capacity
<input type="checkbox"/> Yes <input type="checkbox"/> No					
<input type="checkbox"/> Yes <input type="checkbox"/> No					
<input type="checkbox"/> Yes <input type="checkbox"/> No					

Add Manufacturing Time Element

FIG II

FIG 12





# OverHead

## Depreciation

Asset Class	# of Items	Total Capital	Depreciation Years	Annual Depreciation	Component Rate	Annual Depreciation Contributed by Component
Building	1	\$200,000	30	\$6,667	50 %	\$3,334
Tooling	10	\$800	1	\$800	100 %	\$800
Machine Tools	1	\$25,000	5	\$5,000	70 %	\$3,500
<b>TOTALS</b>		<b>\$225,800</b>		<b>\$12,467</b>		<b>\$7,634</b>

Startup Costs \$20,000  
 Engineering Support \$10,000  
 Warranty Cost (% of Sales) 0.1%

### Additional Expenses

Cost Category	Cost Desc	Cost (\$)	Occurrence
	0.1%		
	0.2%		
	0.3%		
	0.4%		
	0.5%		
Add Cost Category			

Comments

FIG 15

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OverHead

Program # 01122000001 | Component: Shaft | Component # 123456 | Status: Public

Depreciation

Asset Class	# of Items	Total Capital	Depreciation Years	Annual Depreciation	Component Rate	Annual Depreciation Contributed by Component
Building	1	\$200,000	30	\$6,667	50 %	\$3,334
Tooling	10	\$800	1	\$800	100 %	\$800
Machine Tools	1	\$25,000	5	\$5,000	70 %	\$3,500
					%	
TOTALS		\$225,800		\$12,467		\$7,634

Startup Costs \$20,000  
Engineering Support \$10,000  
Warranty Cost (% of Sales) 01 %

Additional Expenses

Cost Category	Cost Description	Cost (\$)	Occurrence
Pershable Tooling			
MRO			
General Overhead			
Energy			
Other			

Comments

FIG 16

<b>Reports</b>	
<input checked="" type="checkbox"/> Cost Components - Material - Capital - Labor - Manufacturing - Overhead Reports Home Exit	<p><b>Standard Report Package</b></p> <p><input checked="" type="checkbox"/> Material  <input type="checkbox"/> Labor  <input type="checkbox"/> Capital  <input type="checkbox"/> Manufacturing  <input type="checkbox"/> Overhead  <input checked="" type="checkbox"/> Summary</p> <p>[ ] [v]</p> <p>Cancel Help</p>
<p>Select Program:</p> <p>Program Description: Component Control # Component:</p> <p><b>Selected Items:</b></p>	<p>[v] 1201200001 10292000002 01222001004 02102001001</p>

FIG 17

FIG 18